

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

June 9, 2008

TO: Internal File

THRU: James Smith, Permit Supervisor *DS*

FROM: David Darby, Lead, Senior Reclamation Specialist, Hydrology/geology *DD*

RE: Culvert Placement Amendment, Sunnyside Cogeneration Associates, Sunnyside Refuse/Slurry, C00070035, Task ID #2953

SUMMARY:

The Division received an amendment on April 7, 2008 to move a culvert on the existing disturbed area 100 feet to the south of its current position to facilitate access to the coal storage area.

OPERATION PLAN

MINING OPERATIONS AND FACILITIES

Regulatory Reference: 30 CFR 784.2, 784.11; R645-301-231, -301-526, -301-528.

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Analysis:

The applicant plans to relocate an existing culvert to a different location along the same ditch, south of its original location. There will be no additions to the disturbed area. Shifting the location of the culvert will provide easier access to the coal storage area. All runoff and culvert design calculations are the same. There will be no change in the bond.

Findings:

The Permittee has supplied sufficient information to address the minimum requirements of the regulations.

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Affected Area Maps

The applicant has provided a map showing the change in the location of the culvert. The plans were hand drawn on the map (Hydrolic Index Map 7-1). The details of the culvert, as presented, do not conform to the normal process of amendment submittal. The Permittee should supply maps showing permanent detailed features of the culvert and coal storage area. Maps need to be certified by a professional engineer.

Findings:

R645-301-712, 721, The Permittee has not provided sufficient information in their map to address the minimum requirements of this section. The Permittee needs to make permanent changes to the map and have the map certified by a registered professional engineer.

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RECOMMENDATIONS:

This application is not recommended for approval until corrected map information is submitted.

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